

FORM PTO-1449 (Rev. 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO: 30-4424	SERIAL NO.: 09/288,589	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Edward P. Socci et al.		
(Use several sheets if necessary)				FILING DATE: April 8, 1999	GROUP: 1733	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AS</i>		3,473,594	10/21/69	Mirtain	152	362	3/23/67
<i>AS</i>		3,616,832	12/22/69 <i>11/21/71</i>	Shima et al.	152	361	12/24/68
<i>AS</i>		3,830,276	8/20/74	Smithkey, Jr.	152	361	8/20/73
<i>AS</i>		3,854,515	12/17/74	Takemura et al.	152	361	6/22/73
<i>AS</i>		3,863,695	2/4/75	Mirtain	153	361	6/6/73
<i>AS</i>		3,929,180	12/30/75	Kawase et al.	152	359	9/16/74
<i>AS</i>		4,210,189	7/1/80	Brown, Jr.	152	361	10/23/78
<i>AS</i>		4,331,495	5/25/82	Lackman et al.	156	93	2/27/81
<i>AS</i>		4,830,781	5/16/89	Oswald	152	530	9/18/87
<i>AS</i>		5,185,195	2/9/93	Harpell et al.	428	102	11/19/90
<i>AS</i>		5,198,280	3/30/93	Harpell et al.	428	102	10/25/90
<i>AS</i>		U.S.S.N. 60/128,280		Glaser			4/8/99*
<i>AS</i>		U.S.S.N. 09/312,794		Glaser			5/17/99

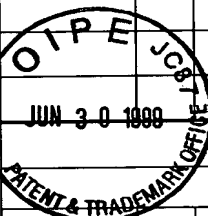
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 JUN 30 1999
 PATENT & TRADEMARK OFFICE

*provisional

FOREIGN PATENT DOCUMENTS							TRANSLATION	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
<i>AS</i>		62-156312	11-07-87 <i>11-5-1987</i>	Japan			X	
<i>AS</i>		7-310251	28-11-95 <i>28-Nov-1995</i>	Japan			X	
<i>AS</i>		9-193608	29-07-97 <i>29-Jul-1997</i>	Japan			X	
<i>AS</i>		9-142101	03-06-97 <i>3-Jun-1997</i>	Japan			X	
<i>AS</i>		8-276704	25-10-96 <i>25-Oct-1996</i>	Japan			X	
<i>AS</i>		9-30210	04-02-97 <i>4-Feb-1997</i>	Japan			X	
<i>AS</i>		1445464	11-08-76 <i>11-Aug-1976</i>	London			X	
<i>AS</i>		WO 98/14336	09-01-98 <i>9-Jan-1998</i>	PCT			X	
<i>AS</i>		WO 98/47726	29-10-98 <i>29-Oct-1998</i>	PCT			X	

OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.)			
<i>AS</i>		"Mechanical Properties of 3-D Composites" by M. Cholakara, B.Z. Jang, and C.Z. Wang, Antec '89, pp. 1549-1551.	
EXAMINER	<i>Adrienne C. Johnston</i>	DATE CONSIDERED	<i>8/27/01</i>

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AB		5,211,609	5/18/93	Haines	474	260	2/6/92
AB		5,397,527	3/14/95	Rim et al.	264	210.8	9/13/93
AB		5,535,801	7/16/96	Iseki et al.	132	528	7/8/94
AB		5,591,933	1/7/97	Li et al.	89	36.02	6/20/95
							
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
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EXAMINER		Adreane C. Johnson		DATE CONSIDERED 8/27/01			
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APPLICANT:
Edward P. Socci et al.

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~~U.S. GOVERNMENT~~ DOCUMENTS

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FOREIGN PATENT DOCUMENTS

[illegible]

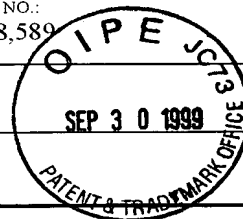
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(Form PTO 1449 [6-4])